

RECEIVED

APR 19 2001

U.S. DEPARTMENT OF COMMERCE FORM PTO-1449
PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900 Sheet 1 of 1

ATTY. DOCKET: 17311(AP)		SERIAL NO.: 09/648,692
APPLICANT: Dolly et al		TITLE: ACTIVATABLE RECOMBINANT NEUROTOXINS
FILING DATE: August 25, 2000		GROUP: Not Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
gls	AA	5,989,545	11/23/1999	Foster et al	424	183.1	
	AB	4,683,202	7/28/1987	Mullis	435	91.2	
	AC	4,800,159	1/24/1989	Mullis	435	91.2	
	AD	5,919,665	7/6/1999	Williams	435	91.1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
gls	AH	WO 95/32738 -	12/7/1995	PCT			
	AI	WO 99/55359 -	11/4/1999	PCT			
	AJ	WO 96/33273 -	10/24/1996	PCT			
	AK	WO 98/07864 -	2/26/1998	PCT			
	AL	WO 99/17806 -	4/15/1999	PCT			
	AM	WO 98/08540 -	3/5/1998	PCT			

OTHER REFERENCES

(Including Author, Title, Date, Pertinent Pages, etc.)

gls	AT	Tonello et al, "Tetanus and Botulinum Neurotoxins a Novel Group of Zinc-Endopeptidases", Intracellular Protein Catabolism, Adv. Exp. Med. & Biol. 389, pgs. 251-260 (1996)
	AU	Coffield et al, "The Site and Mechanism of Action of Botulinum Neurotoxin in Therapy with Botulinum Toxin, pgs. 3-13 (1994)
	AV	Dolly et al, "Probing the process of transmitter release with botulinum and tetanus neurotoxins" Seminars in Neuroscience, 6 (3): pgs. 149-158 (1994)
	AW	Foran et al, "Botulinum Neurotoxin C1 Cleaves both Syntaxin and SNAP-25 in Intact and Permeabilized Chromaffin Cells: Correlation with Its Blockade of Catecholamine Release", Biochem. 35: pgs. 2630-2636 (1996)
	AX	Borodic et al, "Pharmacology and Histology of the Therapeutic Application of Botulinum Toxin Application of Botulinum Toxins", pgs. 119-157 (1994)
gls	AY	Li et al, "A Single Mutation in the Recombinant Light Chain of Tetanus Toxin Abolishes Its Proteolytic Activity and Removes the Toxicity Seen After Reconstitution with Native Heavy Chain", Biochemistry 33, No. 22: pgs. 7014-7020 (1994)
	AZ	Zhou et al, "Expression and Purification of the Light Chain of Botulinum Neurotoxin A: A Single Mutation Abolishes Its Cleavage of SNAP-25 and Neurotoxicity after Reconstruction with the Heavy Chain", Biochemistry 34: pgs. 15175-15181 (1995)
	BA	Lacy et al, "Crystal structure of botulinum neurotoxin type A and implications for toxicity" Nature Struct. Biol. Oct; 5 (10): pgs. 898-902 (1998)
	BB	Kurazono et al, "Minimal Essential Domains Specifying Toxicity of the Light Chains of Tetanus Toxin and Botulinum Neurotoxin Type A", J. Biol. Chem. pgs. 14721-14729 (1992)
	BC	Smith et al, "Mutagenesis at a Specific Position in a DNA Sequence", J. Biol. Chem. 253: No. 18, September 25 issue, pgs. 6651-6560 (1978)
	BD	Li et al, "Expression and Characterisation of the Heavy Chain of Tetanus Toxin: Reconstitution of the Fully-Recombinant Dichain Protein in Active Form", J. Biochem. 125: pgs. 1200-1208 (1999)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Hutchinson

Gabriel E. Begg

1/07/2004